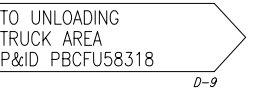
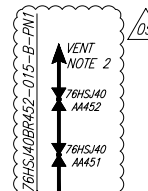
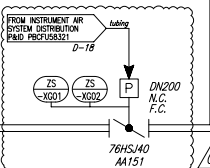


NOTES:  
NOTE 1: VALVES ON DRAIN LINES TO BE LOCATED AS CLOSE AS POSSIBLE TO MAIN LINE  
NOTE 2: VENT TO BE USED ONLY DURING PIPE HYDROTEST  
GENERAL NOTES:  
BISH (CIVIL WORKS) IS EXCLUDED FROM N/E SCOPE OF SUPPLY



REV	DATE	DESCRIPTION	ISSUED	CHKD	APPD
05	10-05-2023	REVISED WHERE INDICATED	CH	AM	SL
04	22-12-2022	REVISED WHERE INDICATED	CH	AM	SL
03	13-10-2022	REVISED WHERE INDICATED	CH	AM	SL
02	23-09-2022	REVISED AFTER COMMENTS	CH	AM	SL
01	14-07-2022	GENERAL REVISION	CH	AM	SL
00	10-06-2022	FIRST ISSUE	CH	AM	SL

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TITLE: P&ID AMMONIA DRAINS, COLLECTING SYSTEM AND FINAL DISCHARGE BASIN					
PURCHASER: ENEL PRODUZIONE S.p.A. OWNER: ENEL PRODUZIONE S.p.A.					
PROJECT: Chemical analysis of S2 - Ammonia solution storage Power Plant "Andrea Palladio" Fusina (VE)		RELEASE DATE: 10/06/2022			
DRAWING NUMBER 223500-00-SC505F		JOB NO 223500-00-SC505F		CODE 1-1	REV 05

SUPERVISION OUTCOME Enel Supervision		APPROVED a264116		NOT REQUESTED a264116	
REV. Rev.	DATE Date	SCOPE Scope	SUPERVISOR Supervisor	COOPERATION Cooperation	APPROVED BY Approved by
ENGINEERING AND CONSTRUCTION Document no			PBCFU58323		
S&C SUBMITTAL S&C Submittal		FOR APPROVAL For Approval		FOR INFORMATION ONLY For Information Only	
SYSTEM System		DOCUMENT TYPE Doc. Type		REVISION Revision	
PROJECT Project		CLIENT Client		JOB NO Job No	
EMPLOYER Employer		FOR APPROVAL For Approval		FOR INFORMATION ONLY For Information Only	

- REFERENCE DOCUMENTS:
- 1) PBCFU58318 - P&ID AMMONIA SYSTEM
  - 2) PBCFU58319 - P&ID AMMONIA LEAK DETECTION & RAIN ABATEMENT SYSTEM
  - 3) PBCFU58320 - P&ID P&IDABLE, DEM AND INDUSTRIAL WATERY SYSTEMS
  - 4) PBCFU58321 - P&ID SERVICE AIR AND INSTRUMENT AIR SYSTEMS
  - 5) PBCFU58322 - P&ID NITROGEN SYSTEM
  - 6) PBCFU58324 - PROCESS FLOW DIAGRAM (PFD)
  - 7) PBCFU58328 - ELECTRICAL AND CONTROL ROOM - ARRANGEMENT LAYOUT (PLAN AND SECTIONS)
  - 8) PBCFU58500 - DRAINAGE SYSTEM - DETAILED DESIGN UP TO FINAL DISCHARGE BASIN - PLAN, DETAILS AND LINES DESCRIPTION

SUMP PUMPS LOCAL CONTROL PANEL  
76HSJ40GH101

- PIT EMPTYING SEQUENCE START PUSH BUTTON
- PIT EMPTYING SEQUENCE STOP PUSH BUTTON
- DCS PERMISSIVE INDICATOR
- PIT EMPTYING SEQUENCE IN PROGRESS INDICATOR
- PIT EMPTYING SEQUENCE COMPLETED INDICATOR
- PIT EMPTYING SEQUENCE FAULT INDICATOR
- EMERGENCY PUSH BUTTON

FINAL DISCHARGE BASIN  
70m<sup>3</sup> net capacity

UNDERGROUND LINE TO BE INSTALLED DURING CIVIL WORKS.  
REFER TO DRAWING PBCFU58500 FOR DETAILS

FROM AMMONIA UNLOADING AREA  
P&ID PBCFU58318  
T-8

FROM PIT IN SCR EVAPORATOR AREA  
TO STORAGE AREA PIT

Design of line and installation works by ENEL  
(refer to doc PBCFU60192) 05